كلية علوم وهندسة الحاسب

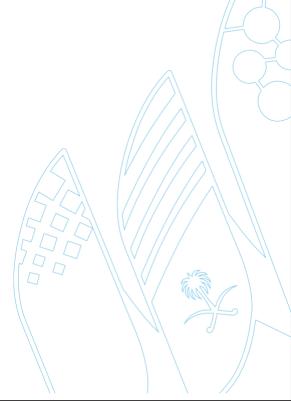
College of Computer Science & Engineering

name: loay fahmi koshak id: 1740551

source code



```
import java.util.Scanner;
public class Menu {
static Scanner scan = new Scanner (System.in);
public static void main(String[] args) {
public static void chose() {
try {
System.out.println("----- Welcome in LockMe -----\n\n");
System.out.println("select what operation you need:");
System.out.println("1- List Files");
System. out. println ("2- File Manipulating");
int num = scan.nextInt();
if (num == 1) {
List_Files obj2 = new List_Files();
obj2.List();
}else if(num == 2 ) {
File_Manipulating obj = new File_Manipulating();
}else {
System.out.println("something went wrong! please try again\n\n");
chose();
}catch(Exception ex) {
System.out.println("something went wrong! please try again\n\n");
chose();
1
}
import java.io.File;
import java.util.Scanner;
public class List Files {
Scanner scan = new Scanner(System.in);
public void List() {
File file = new File("C:/PR");
File[]list = file.listFiles();
//Prints the files in file name ascending order
for (int i = 0; i < list.length; i++) {
if (list[i].isFile()) {
System.out.println( list[i].getName());
}
}
}catch(Exception ex) {
System.out.println("something went wrong ! please try again\n\n");
}finally {
Menu obj = new Menu();
obj.chose();
1
1
```



```
import java.io.File;
import java.util.Scanner;
public class File Manipulating {
Scanner scan = new Scanner(System.in);
public File Manipulating() {
System.out.println("choose a method you want:");
System.out.println("1- ADD");
System.out.println("2- Delete");
System.out.println("3- Search");
System.out.println("4- Back To main menu");
System.out.println("5- Exit");
Home (scan.nextInt());
public void Home (int choice) {
try {
if(choice>5 ||choice<1) {
}else {
switch(choice) {
case 1:
Add();
break;
case 2 :
Delete();
break;
case 3:
Search();
break;
case 4 :
GetBackToMainMenu();
break;
case 5 :
Exit();
1
1
}catch(Exception ex) {
System.out.println("something went wrong ! please try again\n\n");
File_Manipulating obj = new File_Manipulating();
}
```

```
public void Add() {
try {
System.out.println("Enter file name:");
String name = scan.next();
String path = "C:"+File.separator+"PR"+File.separator+name+".txt";
File file = new File(path);
file.getParentFile().mkdirs();
file.createNewFile();
System. out.println("\n file created ! \n\n");
}catch(Exception ex) {
System.out.println("\n\n"+ex.getMessage().toString());
}finally {
File_Manipulating obj = new File_Manipulating();
public void Delete() {
System.out.println("Enter file name:\n");
String name = scan.next();
String path = "C:"+File.separator+"PR"+File.separator+name+".txt";
File file = new File(path);
file.getParentFile().mkdirs();
if(file.delete())
System.out.println(file.getName()+" deleted !\n");
else
System.out.println("\nfile not found ! \n");
}catch(Exception ex) {
System.out.println("\n\n"+ex.getMessage().toString());
}finally {
File Manipulating obj = new File Manipulating();
1
public void Search() {
try {
System.out.println("Enter file name:\n");
String name = scan.next();
String path = "C:"+File.separator+"PR"+File.separator+name+".txt";
File file = new File(path);
file.getParentFile().mkdirs();
if(file.exists())
System.out.println(file.getName()+" founded ! \n");
else
System.out.println("file not found! ");
}catch(Exception ex) {
System.out.println("\n\n"+ex.getMessage().toString());
}finally {
File Manipulating obj = new File Manipulating();
public void Exit() {
System.out.println("are you sure? yes or no \n");
String answer = scan.next();
if(answer.equalsIgnoreCase("no")) {
File Manipulating obj = new File Manipulating();
}else if(answer.equalsIgnoreCase("yes")) {
System.out.println("\n\ngood bye !");
}else {
File_Manipulating obj = new File_Manipulating();
1
1
public void GetBackToMainMenu() {
Menu obj = new Menu();
obj.chose();
1
}
```